

Redundant GPS Antenna Splitter

Abstract of the Disclosure

With a redundant GPS antenna splitter two GPS antennas are connected through an amplifier to a passive antenna splitter in parallel feeding mode, whereby the direct current supply of the antennas is provided by a DC driver stage, whose inputs (DC1 to DC 8) are coupled with outputs of the antenna splitter of the connected transmitters in order to control the power supply with current measuring stages depending on the operating condition of the GPS antennas and to deliver a supply voltage both to the GPS antenna and HF-amplifier, if the antenna is active.